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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/033,522

DATE: 01/18/2002
 TIME: 08:04:52

Input Set : A:\2982-A.txt
 Output Set: N:\CRF3\01182002\J033522.raw

ENTERED

3 <110> APPLICANT: MOHLER, Kendall M.
 5 <120> TITLE OF INVENTION: Methods for Treating Rheumatoid Arthritis Using IL-17
 Antagonists
 7 <130> FILE REFERENCE: 2982-A
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/033,522
 10 <141> CURRENT FILING DATE: 2001-10-18
 12 <150> PRIOR APPLICATION NUMBER: US 60/241,230
 13 <151> PRIOR FILING DATE: 2000-10-18
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 866
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Homo sapiens
 24 <400> SEQUENCE: 1
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 27 1 5 10 15
 30 Gly Leu Leu Leu Leu Leu Leu Gly Val Leu Ala Pro Gly Gly Ala Ser
 31 20 25 30
 34 Leu Arg Leu Leu Asp His Arg Ala Leu Val Cys Ser Gln Pro Gly Leu
 35 35 40 45
 38 Asn Cys Thr Val Lys Asn Ser Thr Cys Leu Asp Asp Ser Trp Ile His
 39 50 55 60
 42 Pro Arg Asn Leu Thr Pro Ser Ser Pro Lys Asp Leu Gln Ile Gln Leu
 43 65 70 75 80
 46 His Phe Ala His Thr Gln Gln Gly Asp Leu Phe Pro Val Ala His Ile
 47 85 90 95
 50 Glu Trp Thr Leu Gln Thr Asp Ala Ser Ile Leu Tyr Leu Glu Gly Ala
 51 100 105 110
 54 Glu Leu Ser Val Leu Gln Leu Asn Thr Asn Glu Arg Leu Cys Val Arg
 55 115 120 125
 58 Phe Glu Phe Leu Ser Lys Leu Arg His His His Arg Arg Trp Arg Phe
 59 130 135 140
 62 Thr Phe Ser His Phe Val Val Asp Pro Asp Gln Glu Tyr Glu Val Thr
 63 145 150 155 160
 66 Val His His Leu Pro Lys Pro Ile Pro Asp Gly Asp Pro Asn His Gln
 67 165 170 175
 70 Ser Lys Asn Phe Leu Val Pro Asp Cys Glu His Ala Arg Met Lys Val
 71 180 185 190
 74 Thr Thr Pro Cys Met Ser Ser Gly Ser Leu Trp Asp Pro Asn Ile Thr
 75 195 200 205
 78 Val Glu Thr Leu Glu Ala His Gln Leu Arg Val Ser Phe Thr Leu Trp
 79 210 215 220
 82 Asn Glu Ser Thr His Tyr Gln Ile Leu Leu Thr Ser Phe Pro His Met

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83 225                230                235                240
86 Glu Asn His Ser Cys Phe Glu His Met His His Ile Pro Ala Pro Arg
87                245                250                255
90 Pro Glu Glu Phe His Gln Arg Ser Asn Val Thr Leu Thr Leu Arg Asn
91                260                265                270
94 Leu Lys Gly Cys Cys Arg His Gln Val Gln Ile Gln Pro Phe Phe Ser
95                275                280                285
98 Ser Cys Leu Asn Asp Cys Leu Arg His Ser Ala Thr Val Ser Cys Pro
99                290                295                300
102 Glu Met Pro Asp Thr Pro Glu Pro Ile Pro Asp Tyr Met Pro Leu Trp
103 305                310                315                320
106 Val Tyr Trp Phe Ile Thr Gly Ile Ser Ile Leu Leu Val Gly Ser Val
107                325                330                335
110 Ile Leu Leu Ile Val Cys Met Thr Trp Arg Leu Ala Gly Pro Gly Ser
111                340                345                350
114 Glu Lys Tyr Ser Asp Asp Thr Lys Tyr Thr Asp Gly Leu Pro Ala Ala
115                355                360                365
118 Asp Leu Ile Pro Pro Pro Leu Lys Pro Arg Lys Val Trp Ile Ile Tyr
119                370                375                380
122 Ser Ala Asp His Pro Leu Tyr Val Asp Val Val Leu Lys Phe Ala Gln
123 385                390                395                400
126 Phe Leu Leu Thr Ala Cys Gly Thr Glu Val Ala Leu Asp Leu Leu Glu
127                405                410                415
130 Glu Gln Ala Ile Ser Glu Ala Gly Val Met Thr Trp Val Gly Arg Gln
131                420                425                430
134 Lys Gln Glu Met Val Glu Ser Asn Ser Lys Ile Ile Val Leu Cys Ser
135                435                440                445
138 Arg Gly Thr Arg Ala Lys Trp Gln Ala Leu Leu Gly Arg Gly Ala Pro
139                450                455                460
142 Val Arg Leu Arg Cys Asp His Gly Lys Pro Val Gly Asp Leu Phe Thr
143 465                470                475                480
146 Ala Ala Met Asn Met Ile Leu Pro Asp Phe Lys Arg Pro Ala Cys Phe
147                485                490                495
150 Gly Thr Tyr Val Val Cys Tyr Phe Ser Glu Val Ser Cys Asp Gly Asp
151                500                505                510
154 Val Pro Asp Leu Phe Gly Ala Ala Pro Arg Tyr Pro Leu Met Asp Arg
155                515                520                525
158 Phe Glu Glu Val Tyr Phe Arg Ile Gln Asp Leu Glu Met Phe Gln Pro
159                530                535                540
162 Gly Arg Met His Arg Val Gly Glu Leu Ser Gly Asp Asn Tyr Leu Arg
163 545                550                555                560
166 Ser Pro Gly Gly Arg Gln Leu Arg Ala Ala Leu Asp Arg Phe Arg Asp
167                565                570                575
170 Trp Gln Val Arg Cys Pro Asp Trp Phe Glu Cys Glu Asn Leu Tyr Ser
171                580                585                590
174 Ala Asp Asp Gln Asp Ala Pro Ser Leu Asp Glu Glu Val Phe Glu Glu
175                595                600                605
178 Pro Leu Leu Pro Pro Gly Thr Gly Ile Val Lys Arg Ala Pro Leu Val
179                610                615                620

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182 Arg Glu Pro Gly Ser Gln Ala Cys Leu Ala Ile Asp Pro Leu Val Gly
183 625 630 635 640
186 Glu Glu Gly Gly Ala Val Ala Lys Leu Glu Pro His Leu Gln Pro
187 645 650 655
190 Arg Gly Gln Pro Ala Pro Gln Pro Leu His Thr Leu Val Leu Ala Ala
191 660 665 670
194 Glu Glu Gly Ala Leu Val Ala Ala Val Glu Pro Gly Pro Leu Ala Asp
195 675 680 685
198 Gly Ala Ala Val Arg Leu Ala Leu Ala Gly Glu Gly Glu Ala Cys Pro
199 690 695 700
202 Leu Leu Gly Ser Pro Gly Ala Gly Arg Asn Ser Val Leu Phe Leu Pro
203 705 710 715 720
206 Val Asp Pro Glu Asp Ser Pro Leu Gly Ser Ser Thr Pro Met Ala Ser
207 725 730 735
210 Pro Asp Leu Leu Pro Glu Asp Val Arg Glu His Leu Glu Gly Leu Met
211 740 745 750
214 Leu Ser Leu Phe Glu Gln Ser Leu Ser Cys Gln Ala Gln Gly Gly Cys
215 755 760 765
218 Ser Arg Pro Ala Met Val Leu Thr Asp Pro His Thr Pro Tyr Glu Glu
219 770 775 780
222 Glu Gln Arg Gln Ser Val Gln Ser Asp Gln Gly Tyr Ile Ser Arg Ser
223 785 790 795 800
226 Ser Pro Gln Pro Pro Glu Gly Leu Thr Glu Met Glu Glu Glu Glu Glu
227 805 810 815
230 Glu Glu Gln Asp Pro Gly Lys Pro Ala Leu Pro Leu Ser Pro Glu Asp
231 820 825 830
234 Leu Glu Ser Leu Arg Ser Leu Gln Arg Gln Leu Leu Phe Arg Gln Leu
235 835 840 845
238 Gln Lys Asn Ser Gly Trp Asp Thr Met Gly Ser Glu Ser Glu Gly Pro
239 850 855 860
242 Ser Ala
243 865
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247 <211> LENGTH: 212
248 <212> TYPE: PRT
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 2
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254 1 5 10 15
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258 20 25 30
261 Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp
262 35 40 45
265 Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly
266 50 55 60
269 Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn
270 65 70 75 80
273 Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp
274 85 90 95

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277 Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro
278      100      105      110
281 Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu
282      115      120      125
285 Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn
286      130      135      140
289 Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile
290 145      150      155      160
293 Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr
294      165      170      175
297 Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys
298      180      185      190
301 Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys
302      195      200      205
305 Ser Val Met His
306      210
309 <210> SEQ ID NO: 3
310 <211> LENGTH: 31
311 <212> TYPE: PRT
312 <213> ORGANISM: Homo sapien
314 <400> SEQUENCE: 3
316 Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Leu Ser Lys Ile Tyr His
317 1      5      10      15
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321      20      25      30
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325 <211> LENGTH: 31
326 <212> TYPE: PRT
327 <213> ORGANISM: Homo sapiens
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331 Lys Gln Leu Glu Asp Lys Leu Glu Glu Leu Leu Ser Lys Leu Tyr His
332 1      5      10      15
335 Leu Glu Asn Glu Leu Ala Arg Leu Lys Lys Leu Leu Gly Glu Arg
336      20      25      30

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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number